

**UTILITY PATENT APPLICATION TRANSMITTAL**

**MAIL STOP PATENT APPLICATION**  
**Commissioner for Patents**  
**P.O. B. x 1450**  
**Alexandria, VA 22313-1450**

**Customer No. 23696**  
**Attorney Docket No.: 030113**  
**Date: December 3, 2003**  
**Express Mail Label No.: EV339074118US**

2387 U.S. PTO  
10/726944  
120303

Dear Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): Avneesh Agrawal and Edward Harrison Teague

For: Fast Frequency Hopping With A Code Division Multiplexed Pilot In An OFDMA System

Enclosed are:

1. ☒ Patent application (31) total pages.
2. ☒ Drawings: ☒ Formal (11) sheet(s) or ☐ Informal ( ) sheet(s).
3. ☒ Declaration/Power of Attorney: ☒ Signed ☐ Unsigned
4. ☒ This application claims priority from Application Serial No. 60/470,107, Filed May 12, 2003, Status Pending.
5. ☒ An Assignment (2) pages and Recordation Form Cover Sheet.
6. ☐ A Preliminary Amendment ( ) pages.
7. ☐ Information Disclosure Statement (IDS):
  - a. ☐ PTO-1449
  - b. ☐ Copies of IDS Citations (number of citations: )
8. ☐ Other:

CLAIMS:	(a) Filed	(b) Extra Claims	Large Entity Fee	Fee Paid
Total*	35 - 20	15	x \$18 =	\$270
Independent**	12 - 3	9	x \$86 =	\$774
Multiple Dependent Claim(s): <input type="checkbox"/> No <input type="checkbox"/> Yes			\$290	\$
APPLICATION FILING FEE			\$770	\$770
*If the number in column a is less than 20, enter 0 in column b. **If the number in column b is less than 3, enter 0 in column b.			TOTAL FEE	\$1814

9. ☐ A check in the amount of \$\_\_\_\_\_ is enclosed to pay the filing fee.
10. ☒ Please charge Deposit Account No. 17-0026 of QUALCOMM Incorporated the amount of \$1814. The Commissioner is hereby authorized to charge payment of any additional fees which may be required, or credit any overpayment, to said Deposit Account No. 17-0026. A duplicate of this sheet is enclosed for fee processing.
11. ☒ The Commissioner is further hereby authorized to charge to said Deposit Account No. 17-0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

Date: December 3, 2003

Signature: 

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